

**Архангельск** (8182)63-90-72  
**Астана** (7172)727-132  
**Астрахань** (8512)99-46-04  
**Барнаул** (3852)73-04-60  
**Белгород** (4722)40-23-64  
**Брянск** (4832)59-03-52  
**Владивосток** (423)249-28-31  
**Волгоград** (844)278-03-48  
**Вологда** (8172)26-41-59  
**Воронеж** (473)204-51-73  
**Екатеринбург** (343)384-55-89

**Иваново** (4932)77-34-06  
**Ижевск** (3412)26-03-58  
**Иркутск** (395)279-98-46  
**Казань** (843)206-01-48  
**Калининград** (4012)72-03-81  
**Калуга** (4842)92-23-67  
**Кемерово** (3842)65-04-62  
**Киров** (8332)68-02-04  
**Краснодар** (861)203-40-90  
**Красноярск** (391)204-63-61  
**Курск** (4712)77-13-04

**Киргизия** (996)312-96-26-47

**Липецк** (4742)52-20-81  
**Магнитогорск** (3519)55-03-13  
**Москва** (495)268-04-70  
**Мурманск** (8152)59-64-93  
**Набережные Челны** (8552)20-53-41  
**Нижний Новгород** (831)429-08-12  
**Новокузнецк** (3843)20-46-81  
**Новосибирск** (383)227-86-73  
**Омск** (3812)21-46-40  
**Орел** (4862)44-53-42  
**Оренбург** (3532)37-68-04

**Казахстан** (772)734-952-31

**Пенза** (8412)22-31-16  
**Пермь** (342)205-81-47  
**Ростов-на-Дону** (863)308-18-15  
**Рязань** (4912)46-61-64  
**Самара** (846)206-03-16  
**Санкт-Петербург** (812)309-46-40  
**Саратов** (845)249-38-78  
**Севастополь** (8692)22-31-93  
**Симферополь** (3652)67-13-56  
**Смоленск** (4812)29-41-54  
**Сочи** (862)225-72-31

**Таджикистан** (992)427-82-92-69

**Ставрополь** (8652)20-65-13  
**Сургут** (3462)77-98-35  
**Тверь** (4822)63-31-35  
**Томск** (3822)98-41-53  
**Тула** (4872)74-02-29  
**Тюмень** (3452)66-21-18  
**Ульяновск** (8422)24-23-59  
**Уфа** (347)229-48-12  
**Хабаровск** (4212)92-98-04  
**Челябинск** (351)202-03-61  
**Череповец** (8202)49-02-64  
**Ярославль** (4852)69-52-93

Сайт: <http://interm.nt-rt.ru/>, эл. почта: [imk@nt-rt.ru](mailto:imk@nt-rt.ru)

Каталог на продукцию INTER-M (eng)

# PROFESSIONAL AUDIO :: SOURCE

## CDR-01 SD Recorder / Multi Source Player



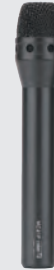
- Decoder such as CD-DA, WMA, MP3 and WAV
- Single CD, SD Card and USB player
- Auto play(Selectable CD/USB/Memory)
- SD card recorder
- Virtual disc can hold up to 6 standard CD in memory
- Weight : 5.3 kg/11.7 lbs
- Dimensions(W×H×D) : 482×88×280 mm/19×3.5×11 in

## MG21 Condenser Gooseneck Microphone



- Electric condenser transducer
- Cardioid polar pattern
- Frequency response : 60 Hz~17 kHz
- Dynamic range : 99 dB
- Pair with MGB
- Weight : 220 g/0.5 lbs
- Dimensions : Length : 555 mm/21.8 in Head(ø) : 12.9 mm/0.5 in

## MC41P Condenser Microphone



- Electric condenser transducer
- Frequency response : 35 Hz~20 kHz
- Dynamic range : 119 dB
- Weight : 208 g / 0.5 lbs
- Dimensions : Length : 179 mm/7 in Shaft(ø) : 23.6 mm/0.9 in Head(ø) : 33 mm/1.3 in

## MH50 Dynamic Microphone



- Moving coil dynamic transducer
- Hyper-Cardioid polar pattern
- Frequency response : 50 Hz~15 kHz
- ON/OFF switch(Fixable)
- Weight : 310 g/0.7 lbs
- Dimensions : Length : 176.5 mm/6.9 in Shaft(ø) : 24 mm/0.9 in Head(ø) : 50 mm/1.9 in

## MH50T Dynamic Microphone



- MH50×3 SET Packing

## MH80 Dynamic Microphone



- Moving coil dynamic transducer
- Cardioid polar pattern
- Frequency response : 50 Hz~17.5 kHz
- ON/OFF switch(Fixable)
- Weight : 300 g/0.7 lbs
- Dimensions : Length : 176.5 mm/6.9 in Shaft(ø) : 24 mm/0.9 in Head(ø) : 50 mm/1.9 in

# PROFESSIONAL AUDIO :: CONTROLLER

**CPA-100** Compact Pre-Amplifier with USB Player



- 1U half rack size
- Microphone input and 2 RCA stereo inputs
- Built-In USB MP3 player
- High definition OLED display
- Balanced audio output signals
- Dimensions(W×H×D) : 210×44×280 mm/8.3×1.7×11 in

**MX-1243** Professional Audio Mixer



- Input and output of outside equipment
- 12 mono channel inputs, stereo main output, monitor output and 4 auxiliary outputs
- AUX return and PFL/AFL function
- Weight : 7.5 kg/16.5 lbs
- Dimensions(W×H×D) : 482×104×310 mm/19×4.1×12.2 in

**MX-1646** Professional Audio Mixer



- 8 mono inputs, 4 stereo inputs
- 4Ch AUX outputs
- 4Ch group outputs
- 2Ch stereo returns
- Weight : 5.8 kg/12.7 lbs
- Dimensions(W×H×D) : 482×105×310 mm/19×4.1×12.2 in

**IMX-416** Hybrid Mixing Console



- 8×mono inputs, 4×stereo inputs, 2×stereo returns
- 4×AUX outputs, 4×group outputs
- Talk-Back assignment to AUX, Groups, MIX outputs can be selected.
- Weight : 15 kg/33.1 lbs
- Dimensions(W×H×D) : 504×192×572 mm/19.8×7.5×22.5 in

**IMX-424** Hybrid Mixing Console



- 16×mono inputs, 4×stereo inputs, 2×stereo returns
- 4×AUX outputs, 4×group outputs
- Talk-Back assignment to AUX, Groups, MIX outputs can be selected
- Weight : 21 kg/46.3 lbs
- Dimensions(W×H×D) : 720×192×572 mm/28.3×7.5×22.5 in

**IMX-432** Hybrid Mixing Console



- 24×mono inputs, 4×stereo inputs, 2×stereo returns
- 4×AUX outputs, 4×group outputs
- Talk-Back assignment to AUX, Groups, MIX outputs can be selected
- Weight : 23 kg/50.7 lbs
- Dimensions(W×H×D) : 936×192×572 mm/36.8×7.5×22.5 in

**CSP-4.8** Digital Sound Processor



- 4 IN/8 OUT(24 bit, 48 kHz A/D converter)
- DSP function - Gain, Parametric EQ, Filter, Time delay, Crossover, Compressor, Limiter, Matrix
- Front panel or PC control(USB, RS232 interface)
- IN/OUT delay adjustment function up to 682ms
- Weight : 4.1 kg/9 lbs
- Dimensions(W×H×D) : 483×44×216 mm/19×1.8×8.5 in

**EQ-2231A** Dual 31 Band Graphic Equalizer



- 1/3 Octave 20 Hz~20 kHz, ±1 dB
- Selectable EQ Range : ±6 dB, ±12 dB
- Balanced XLR and balanced EURO terminal
- Bypass switch
- DC 24 V backup
- Weight : 5 kg/11 lbs
- Dimensions(W×H×D) : 482×88×234 mm/19×3.4×9.2 in

**IM-300** Main Controller Amplifier



- High fidelity 60 W mono channel amplifier
- USB recording(Using USB memory stick, MP3 file)
- Built-in monitor speaker with control volume
- Tone control(Bass/Mid/Treble)
- Connection : Up to 30 microphone unit
- Expansion capability with IMS-300(Sub amplifier)
- Weight : 5.8 kg/12.8 lbs
- Dimensions(W×H×D) : 482×44×380 mm/19×1.7×15 in

**IMC-300** Chairman Microphone Unit



- Gooseneck microphone with LED ring
- Built-in monitor speaker
- Adjustable volume control
- Earphone jack output
- LCD display
- Weight : 1.9 kg/4.2 lbs
- Dimensions(W×H×D) : 129×78×208 mm/5.1×3×8.2 in

**IMD-300** Delegate Microphone Unit



- Gooseneck microphone with LED ring
- Built-in monitor speaker
- Adjustable volume control
- Earphone jack output
- LCD display
- Weight : 1.8 kg/4 lbs
- Dimensions(W×H×D) : 129×78×208 mm/5.1×3×8.2 in

**IMS-300** Sub Amplifier



- High fidelity 60 W mono channel amplifier for extension
- Connection : Up to 30 microphone unit
- Extension by D-SUB terminal
- S/N ratio : 60 dB
- Weight : 5.5 kg/12.1 lbs
- Dimensions(W×H×D) : 482×44×380 mm/19×1.7×15 in

# PROFESSIONAL AUDIO :: AMPLIFIER

## DSA-100D Digital Compact Amplifier



- 100 W×2 stereo/200 W×1 mono at 8 Ω
- 1U half rack size Class-D amplifier
- ENERGY STAR® certified
- High pass filter
- Input sensitivity adjustment
- Remote power/VCA control
- Weight : 2.5 kg/5.5 lbs
- Dimensions(W×H×D) : 210×44×280 mm/8.3×1.7×11 in

## DSA-100DV Digital Compact Amplifier



- 100 W×2 stereo/200 W×1 mono at 8 Ω
- 1U half rack size Class-D amplifier
- ENERGY STAR® certified
- Voltage-controlled amplifier
- High pass filter
- Input sensitivity adjustment
- Remote power/VCA control
- Weight : 2.5 kg/5.5 lbs
- Dimensions(W×H×D) : 210×44×280 mm/8.3×1.7×11 in

## L-1400 Professional Power Amplifier



- RMS 280 W at 8 Ω stereo / 0.1 % THD
- RMS 450 W at 4 Ω stereo / 0.1 % THD
- RMS 700 W at 2 Ω stereo / 0.5 % THD
- RMS 900 W at 8 Ω bridged mono / 0.1 % THD
- RMS 1400 W at 4 Ω bridged mono / 0.5 % THD
- High current toroidal transformer
- Clip-Limiter circuit
- Weight : 14.4 kg/31.7 lbs
- Dimensions(W×H×D) : 482×88×369 mm/19×3.5×14.5 in

## L-1800 Professional Power Amplifier



- RMS 360 W at 8 Ω stereo / 0.1 % THD
- RMS 600 W at 4 Ω stereo / 0.1 % THD
- RMS 900 W at 2 Ω stereo / 0.5 % THD
- RMS 1200 W at 8 Ω bridged mono / 0.1 % THD
- RMS 1800 W at 4 Ω bridged mono / 0.5 % THD
- High current toroidal transformer
- Clip-Limiter circuit
- Weight : 15 kg/33 lbs
- Dimensions(W×H×D) : 482×88×369 mm/19×3.5×14.5 in

## L-2400 Professional Power Amplifier



- RMS 500 W at 8 Ω stereo / 0.1 % THD
- RMS 750 W at 4 Ω stereo / 0.1 % THD
- RMS 1200 W at 2 Ω stereo / 0.5 % THD
- RMS 1500 W at 8 Ω bridged mono / 0.1 % THD
- RMS 2400 W at 4 Ω bridged mono / 0.5 % THD
- High current toroidal transformer
- Clip-Limiter circuit
- Weight : 15.6 kg/34.6 lbs
- Dimensions(W×H×D) : 482×88×369 mm/19×3.5×14.5 in

## L-3000 Professional Power Amplifier



- RMS 650 W at 8 Ω stereo / 0.1 % THD
- RMS 1000 W at 4 Ω stereo / 0.1 % THD
- RMS 1500 W at 2 Ω stereo / 0.5 % THD
- RMS 2000 W at 8 Ω bridged mono / 0.1 % THD
- RMS 3000 W at 4 Ω bridged mono / 0.5 % THD
- High current toroidal transformer
- Clip-Limiter circuit
- Weight : 19.5 kg/39.3 lbs
- Dimensions(W×H×D) : 482×88×369 mm/19×3.5×14.5 in

## QD-4240 Professional Quad Amplifier



- RMS 40 W at 8 Ω per channel / 0.05 % THD
- RMS 60 W at 4 Ω per channel / 0.05 % THD
- RMS 120 W at 8 Ω bridged stereo / 0.5 % THD
- Signal, Protection, Clip indicators
- Weight : 11.5 kg/25.3 lbs
- Dimensions(W×H×D) : 482×88×369 mm/19×3.5×14.5 in

## QD-4480 Professional Quad Amplifier



- RMS 80 W at 8 Ω per channel / 0.05 % THD
- RMS 120 W at 4 Ω per channel / 0.05 % THD
- RMS 240 W at 8 Ω bridged stereo / 0.5 % THD
- Signal, Protection, Clip indicators
- Weight : 15.5 kg/34.2 lbs
- Dimensions(W×H×D) : 482×88×369 mm/19×3.5×14.5 in

## QD-4960 Professional Quad Amplifier



- RMS 170 W at 8 Ω per channel / 0.05 % THD
- RMS 240 W at 4 Ω per channel / 0.05 % THD
- RMS 480 W at 8 Ω bridged stereo / 0.5 % THD
- Signal, Protection, Clip indicators
- Weight : 17 kg/37.5 lbs
- Dimensions(W×H×D) : 482×88×369 mm/19×3.5×14.5 in

## OT-4240 Output Transformer Units



- Transforms the 4 ohm output of the QD-4240 to 70 V or 100 V levels for use with high impedance speakers
- Expansion line out for QD-4240
- Weight : 11.5 kg/25.3 lbs
- Dimensions(W×H×D) : 420×88×310 mm/16.5×3.5×12.2 in  
482×88×310 mm/19×3.5×12.2 in (with Optional rack-mount kit)

## OT-4480 Output Transformer Units



- Transforms the 4 ohm output of the QD-4480 to 70 V or 100 V levels for use with high impedance speakers
- Expansion line out for QD-4480
- Weight : 14.5 kg/32 lbs
- Dimensions(W×H×D) : 420×88×310 mm/16.5×3.5×12.2 in  
482×88×310 mm/19×3.5×12.2 in (with Optional rack-mount kit)

## OT-4960 Output Transformer Units



- Transforms the 4 ohm output of the QD-4960 to 70 V or 100 V levels for use with high impedance speakers
- Expansion line out for QD-4960
- Weight : 21.5 kg/47.4 lbs
- Dimensions(W×H×D) : 420×132×310 mm/16.5×5.2×12.2 in  
482×132×310 mm/19×5.2×12.2 in (with Optional rack-mount kit)

# PROFESSIONAL AUDIO :: AMPLIFIER

## R-150PLUS Stereo Power Amplifier



- RMS 50 W at 8  $\Omega$  stereo/0.05 % THD
- RMS 75 W at 4  $\Omega$  stereo/0.05 % THD
- RMS 150 W at 8  $\Omega$  bridged mono/0.05 % THD
- Signal, Protection, Clip indicators
- Weight : 7.2 kg/15.9 lbs
- Dimensions(W×H×D) : 482×88×317 mm/19×3.5×12.5 in

## R-300PLUS Stereo Power Amplifier



- RMS 100 W at 8  $\Omega$  stereo / 0.05 % THD
- RMS 150 W at 4  $\Omega$  stereo / 0.05 % THD
- RMS 300 W at 8  $\Omega$  bridged mono / 0.05 % THD
- Signal, Protection, Clip indicators
- Weight : 8.4 kg/18.5 lbs
- Dimensions(W×H×D) : 482×88×317 mm /19×3.5×12.5 in

## R-500PLUS Stereo Power Amplifier



- RMS 170 W at 8  $\Omega$  stereo / 0.05 % THD
- RMS 250 W at 4  $\Omega$  stereo / 0.05 % THD
- RMS 460 W at 8  $\Omega$  bridged mono / 0.05 % THD
- Signal, Protection, Clip indicators
- Weight : 10.4 kg/22.9 lbs
- Dimensions(W×H×D) : 482×88×317 mm/19×3.5×12.5 in

## V2-1000 Professional Power Amplifier



- RMS 170 W at 8  $\Omega$  stereo/0.1 % THD
- RMS 300 W at 4  $\Omega$  stereo/0.1 % THD
- RMS 500 W at 2  $\Omega$  stereo/0.5 % THD
- RMS 650 W at 8  $\Omega$  bridged mono/0.1 % THD
- RMS 1100 W at 4  $\Omega$  bridged mono/0.5 % THD
- Stable SMPS(Switch mode power supply)applied
- S/N ratio : 106 dB
- Weight : 10.7 kg/23.6 lbs
- Dimensions(W×H×D) : 482×88×407 mm/19×3.5×16 in

## V2-2000 Professional Power Amplifier



- RMS 280 W at 8  $\Omega$  stereo/0.1 % THD
- RMS 500 W at 4  $\Omega$  stereo/0.1 % THD
- RMS 850 W at 2  $\Omega$  stereo/0.5 % THD
- RMS 1000 W at 8  $\Omega$  bridged mono/0.1 % THD
- RMS 1700 W at 4  $\Omega$  bridged mono/0.5 % THD
- Stable SMPS(Switch mode power supply)applied
- S/N ratio : 106 dB
- Weight : 10.9 kg/24 lbs
- Dimensions(W×H×D) : 482×88×407 mm/19×3.5×16 in

## V2-3000 Professional Power Amplifier



- RMS 500 W at 8  $\Omega$  stereo/0.1 % THD
- RMS 900 W at 4  $\Omega$  stereo/0.1 % THD
- RMS 1400 W at 2  $\Omega$  stereo/0.5 % THD
- RMS 1800 W at 8  $\Omega$  bridged mono/0.1 % THD
- RMS 3000 W at 4  $\Omega$  bridged mono/0.5 % THD
- Stable SMPS(Switch mode power supply)applied
- S/N ratio : 106 dB
- Weight : 12 kg/26.4lbs
- Dimensions(W×H×D) : 482×88×407 mm/19×3.5×16 in

## V2-4000 Professional Power Amplifier



- RMS 650 W at 8  $\Omega$  stereo/0.1 % THD
- RMS 1150 W at 4  $\Omega$  stereo/0.1 % THD
- RMS 1800 W at 2  $\Omega$  stereo/0.5 % THD
- RMS 2400 W at 8  $\Omega$  bridged mono/0.1 % THD
- RMS 3800 W at 4  $\Omega$  bridged mono/0.5 % THD
- Stable SMPS(Switch mode power supply)applied
- S/N ratio : 106 dB
- Weight : 12.1 kg/26.7 lbs
- Dimensions(W×H×D) : 482×88×407 mm/19×3.5×16 in

## V2-5000 Professional Power Amplifier



- RMS 1000 W at 8  $\Omega$  stereo/1 % THD
- RMS 1600 W at 4  $\Omega$  stereo/1 % THD
- RMS 2400 W at 2  $\Omega$  stereo/1 % THD
- RMS 3300 W at 8  $\Omega$  bridged mono/1 % THD
- RMS 4800 W at 4  $\Omega$  bridged mono/1 % THD
- Stable SMPS(Switch mode power supply)applied
- S/N ratio : 106 dB
- Weight : 12.8 kg/28.2 lbs
- Dimensions(W×H×D) : 482×88×407 mm/19×3.5×16 in

## V2-1000N Professional Power Amplifier



- TCP/IP Control & Monitoring
- RMS 170 W at 8  $\Omega$  stereo/0.1 % THD
- RMS 300 W at 4  $\Omega$  stereo/0.1 % THD
- RMS 500 W at 2  $\Omega$  stereo/0.5 % THD
- RMS 650 W at 8  $\Omega$  bridged mono/0.1 % THD
- RMS 1100 W at 4  $\Omega$  bridged mono/0.5 % THD
- S/N ratio : 98 dB
- Weight : 10.7 kg/23.6 lbs
- Dimensions(W×H×D) : 482×88×407 mm/19×3.5×16 in

## V2-2000N Professional Power Amplifier



- TCP/IP Control & Monitoring
- RMS 280 W at 8  $\Omega$  stereo/0.1 % THD
- RMS 500 W at 4  $\Omega$  stereo/0.1 % THD
- RMS 850 W at 2  $\Omega$  stereo/0.5 % THD
- RMS 1000 W at 8  $\Omega$  bridged mono/0.1 % THD
- RMS 1700 W at 4  $\Omega$  bridged mono/0.5 % THD
- S/N ratio : 98 dB
- Weight : 10.9 kg/24 lbs
- Dimensions(W×H×D) : 482×88×407 mm/19×3.5×16 in

## V2-3000N Professional Power Amplifier



- TCP/IP Control & Monitoring
- RMS 500 W at 8  $\Omega$  stereo/0.1 % THD
- RMS 900 W at 4  $\Omega$  stereo/0.1 % THD
- RMS 1400 W at 2  $\Omega$  stereo/0.5 % THD
- RMS 1800 W at 8  $\Omega$  bridged mono/0.1 % THD
- RMS 3000 W at 4  $\Omega$  bridged mono/0.5 % THD
- S/N ratio : 98 dB
- Weight : 12 kg/26.5 lbs
- Dimensions(W×H×D) : 482×88×407 mm/19×3.5×16 in

## V2-4000N Professional Power Amplifier



- TCP/IP Control & Monitoring
- RMS 650 W at 8  $\Omega$  stereo/0.1 % THD
- RMS 1150 W at 4  $\Omega$  stereo/0.1 % THD
- RMS 1800 W at 2  $\Omega$  stereo/0.5 % THD
- RMS 2400 W at 8  $\Omega$  bridged mono/0.1 % THD
- RMS 3800 W at 4  $\Omega$  bridged mono/0.5 % THD
- S/N ratio : 98 dB
- Weight : 12.1 kg/26.7 lbs
- Dimensions(W×H×D) : 482×88×407 mm/19×3.5×16 in

# PROFESSIONAL AUDIO :: AMPLIFIER

## D-3000 Digital Power Amplifier with Dante™ Network & DSP



- Built-In DSP (PEQ, HPF, LPF, Delay, Limiter)
- Built-In Dante™ • Class-D amplifier
- RMS 600 W at 8 Ω stereo
- RMS 1200 W at 4 Ω stereo
- RMS 1500 W at 2 Ω stereo
- THD : Less than 0.1 % , S/N Ratio : 100 dB
- Weight : 7.6 kg/16.8 lbs
- Dimensions(W×H×D) : 482×88×420 mm/19×3.5×16.5 in

## D-6000 Digital Power Amplifier with Dante™ Network & DSP



- Built-In DSP (PEQ, HPF, LPF, Delay, Limiter)
- Built-In Dante™ • Class-D amplifier
- RMS 1200 W at 8 Ω stereo
- Peak 2400 W at 4 Ω stereo
- THD : Less than 0.1 % , S/N Ratio : 100 dB
- Weight : 9.2 kg/20.3 lbs
- Dimensions(W×H×D) : 482×88×420 mm/19×3.5×16.5 in

## OPT-100D Output Transformer Unit



- 1U half rack size
- Convert 70 V/100 V
- 2 channel 100 W output transformer
- Pair with DSA-100DV
- Weight : 4.2 kg/9.3 lbs
- Dimensions(W×H×D) : 210×44×280 mm/8.3×1.7×11 in

## DPA-430L Multi Channel Digital Amplifier



- Rated Power : 170 W/8 Ω(4Ch), 300 W/4 Ω(4Ch), 600 W/8 Ω×2Ch(bridged mode)
- A slim and compact 1U rack size
- Independent SMPS power supply for each channel
- Low power consumption, low heat dissipation and light weight
- Weight : 9.6 kg/21.2 lbs
- Dimensions(W×H×D) : 482×44×420 mm/19×1.7×16.5 in

## DSA-300E Digital SR Amplifier



\*Preliminary

- Rated output power : 300 W×8ch/4Ω, 600 W×4ch/8Ω bridged
- Bridged mode function
- 2U size Class-D power amplifier
- Dimensions(W×H×D) : 482×88×367 mm/19×3.5×15.6 in

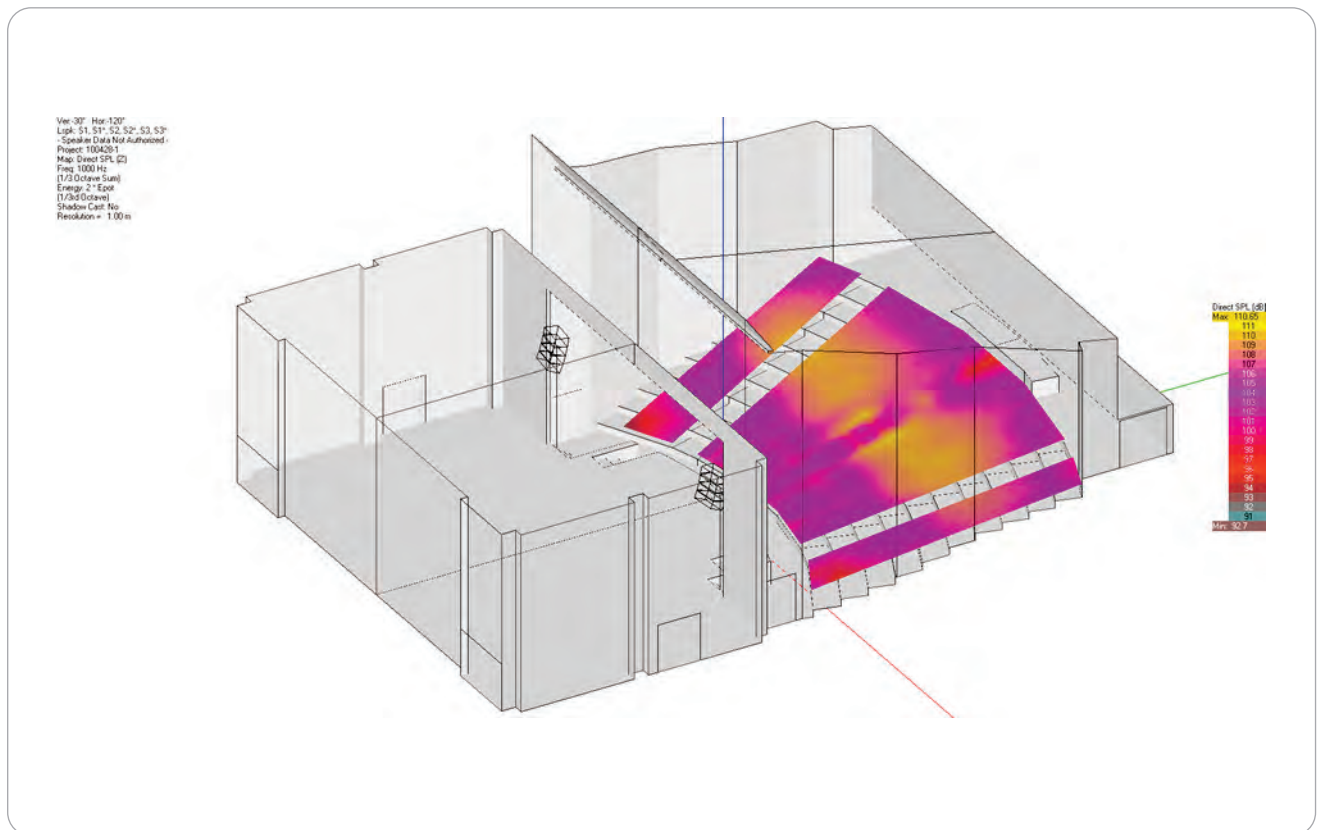
## DSA-600Q Digital SR Amplifier



\*Preliminary

- Rated output power : 600 W×4ch/4Ω
- Power ON/OFF control with control input
- Priority program override
- 2U size Class-D power amplifier
- Weight : 7.2 kg/15.8 lbs
- Dimensions(W×H×D) : 482×88×367 mm/19×3.5×15.6 in

## EASE(Enhanced Acoustic Simulator for Engineers)



**EASE** (Enhanced Acoustic Simulator for Engineers) is developed by a German sound specialist and physicist DR. Abert. It is one of the most widely used simulation programs around the world. EASE can measure not only architectural acoustics but electro-acoustics and infer data values of DIRECT SPL, TOTAL SPL, C50, C80, DECAY TIME, %ALCONS, RASTI etc. through simulation suited in several situations. These data allow users to predict characteristics of the places and sound and bring economical benefits by being able to reinforce and modify specific details before SOUND SYSTEM INSTALLATION.

The data is provided in the homepage. Enter [www.inter-m.net](http://www.inter-m.net) to get more specific information.

# PROFESSIONAL AUDIO :: SPEAKER

## MS-80 Compact Installation Speaker



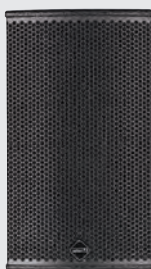
- Compact 2 way passive loudspeaker
- Frequency range(-10 dB) : 60 Hz~20 kHz
- Power handling : 80 W AES, 320 W peak
- Nominal impedance : 8 Ω
- Weight : 3.6 kg/7.9 lbs
- Dimensions(W×H×D) : 154×252×212 mm/6×9.9×8.3 in

## MS-100 Compact Installation Speaker



- Compact 2 way passive loudspeaker
- Frequency range(-10 dB) : 50 Hz~20 kHz
- Power handling : 100 W AES, 400 W peak
- Nominal impedance : 8 Ω
- Weight : 6.7 kg/14.7 lbs
- Dimensions(W×H×D) : 211×375×269 mm/8.3×14.7×10.6 in

## MS-130 Compact Installation Speaker



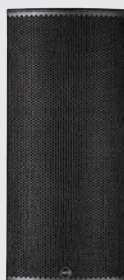
- Compact 2 way passive loudspeaker
- Frequency range(-10 dB) : 45 Hz~20 kHz
- Power handling : 130 W AES, 520 W peak
- Nominal impedance : 8 Ω
- Weight : 9.1 kg/20 lbs
- Dimensions(W×H×D) : 245×420×327 mm/9.6×16.5×12.8 in

## MS-200S Compact Installation Speaker



- Compact 10" subwoofer
- Frequency range(-10 dB) : 35 Hz~250 Hz
- Power handling : 200 W AES, 800 W peak
- Nominal impedance : 8 Ω
- Weight : 13 kg/28.6 lbs
- Dimensions(W×H×D) : 365×320×435 mm/14.3×12.6×17.1 in

## MS-400S Compact Installation Speaker



- Compact dual 10" subwoofer
- Frequency range(-10 dB) : 35 Hz~250 Hz
- Power handling : 400 W AES, 1600 W peak
- Nominal impedance : 8 Ω
- Weight : 21.6 kg/47.6 lbs
- Dimensions(W×H×D) : 715×320×435 mm/28.1×12.6×17.1 in

## PS-80 Fixed-Installation Powered Speaker



- Fixed-Installation, 5" powered speaker
- Frequency range(-10 dB) : 60 Hz~20 kHz
- Power handling : 80 W AES
- Class-D, 170 W amplifier
- Weight : 4.3 kg/9.4 lbs
- Dimensions(W×H×D) : 160×250×243 mm/6.3×9.8×9.6 in

## IX8/8H/8HT Professional Loudspeaker



\*Preliminary(Only IX8HT)

### IX8

- Compact 2 way portable speaker(8 Ω)
- Frequency range(-10 dB) : 55 Hz~20 kHz
- Power handling : 125 W AES, 600 W peak
- Weight : 6.4 kg/14 lbs
- Dimensions (W×H×D) : 270×430×260 mm/10.6×16.9×10.2 in

### IX8H/8HT

- Compact 2 way portable speaker
- Frequency range(-10 dB) : 60 Hz~20 kHz
- Power handling : 225 W AES, 900 W peak
- 2 step transformer tap(8Ω/45Ω)(Only IX8HT)
- Weight : 7.9 kg/17.4 lbs
- Dimensions(W×H×D) : 270×430×260 mm/10.6×16.9×10.2 in

## IX12/12H Professional Loudspeaker



### IX12

- Compact 2 way portable speaker(8 Ω)
- Frequency range(-10 dB) : 50 Hz~20 kHz
- Power handling : 200 W AES, 800 W peak
- Weight : 15.5 kg/34 lbs
- Dimensions(W×H×D) : 424×640×342 mm/16.7×25.2×13.4 in

### IX12H

- Compact 2 way portable speaker
- Frequency range(-10 dB) : 48 Hz~20 kHz
- Power handling : 425 W AES, 1600 W peak
- Nominal impedance : 8 Ω
- Weight : 17.8 kg/39.2 lbs
- Dimensions(W×H×D) : 424×640×342 mm/16.7×25.2×13.4 in



# PROFESSIONAL AUDIO :: SPEAKER

## IX15/15H Professional Loudspeaker

2 way



- IX15**
- Compact 2 way portable speaker (8 Ω)
  - Frequency range(-10 dB) : 40 Hz~20 kHz
  - Power handling : 300 W AES / 1200 W peak
  - Weight : 19.6 kg/43 lbs
  - Dimensions(W×H×D) : 480×710×384 mm/18.9×28×15.1 in

- IX15H**
- Compact 2 way portable speaker (8 Ω)
  - Frequency range(-10 dB) : 39 Hz~20 kHz
  - Power handling : 600 W AES / 2400 W peak
  - Weight : 24 kg/53 lbs
  - Dimensions(W×H×D) : 480×710×384 mm/18.9×28×15.1 in

## MS-80LT Compact Installation Speaker

2 way



- Compact 2 way passive loudspeaker
- Frequency range(-10 dB) : 60 Hz~20 kHz
- Power handling : 80 W AES, 320 W peak
- Low impedance tap : 8 Ω
- High impedance tap : 125 Ω, 250 Ω, 500 Ω, 1 kΩ, 2 kΩ(100V)/62 Ω, 125 Ω, 250 Ω, 500 Ω, 1 kΩ(70V)
- Weight : 3.9 kg/8.6 lbs
- Dimensions(W×H×D) : 152×250×209.5 mm/6×9.9×8.3 in

## SE-8K/10K Professional Loudspeaker

2 way



SE-8K

SE-10K

- SE-8K**
- Fixed-Installation 8" 2 way passive loudspeaker
  - Frequency range(-10 dB) : 65 Hz~20 kHz
  - Rated power : 125 W AES, 500 W peak
  - Weight : 9.1 kg/20.1 lbs
  - Dimensions(W×H×D) : 278×410×300 mm/10.9×16.1×11.8 in

- SE-10K**
- Fixed-Installation 10" 2 way passive loudspeaker
  - Frequency range(-10 dB) : 55 Hz~20 kHz
  - Rated power : 150 W AES, 600 W peak
  - Weight : 10.9 kg/24 lbs
  - Dimensions(W×H×D) : 330×480×360 mm/13×18.8×14.2 in

## SE-12K/15K Professional Loudspeaker

2 way



SE-12K

SE-15K

- SE-12K**
- Fixed-Installation 12" 2 way passive loudspeaker
  - Frequency range(-10dB) : 50 Hz~20 kHz
  - Rated power : 250 W AES, 1000 W peak
  - Weight : 15.7 kg/34.6 lbs
  - Dimensions(W×H×D) : 380×550×400 mm/14.9×21.6×15.7 in

- SE-15K**
- Fixed-Installation 15" 2 way passive loudspeaker
  - Frequency range(-10 dB) : 45 Hz~20 kHz
  - Rated power : 300 W AES, 1200 W peak
  - Weight : 20.9 kg/46.1 lbs
  - Dimensions(W×H×D) : 450×630×450 mm/17.7×24.8×17.7 in

## SE-8T/10T Professional Loudspeaker

2 way



SE-8T

SE-10T

\*Preliminary

- SE-8T**
- Rated power : 125 W
  - SPL(1W/m) : 93 dB
  - Frequency range(-10 dB) : 65 Hz~20 kHz
  - Transformer tabs : 8 Ω/80 Ω
  - Weight : 10 kg/22lbs
  - Dimensions(W×H×D) : 278×410×300 mm/10.9×16.1×11.8 in

- SE-10T**
- Rated power : 150 W
  - SPL(1W/m) : 94 dB
  - Frequency range(-10 dB) : 55 Hz~20 kHz
  - Transformer tabs 8 Ω/67 Ω
  - Weight : 12 kg/26.5lbs
  - Dimensions(W×H×D) : 330×480×360 mm/13×18.9×14.2 in

## SQ-8K/10K Professional Loudspeaker

2 way



SQ-8K

SQ-10K

- SQ-8K**
- Compact multipurpose, 8" 2 way passive full range
  - Frequency range(-10 dB) : 68 Hz~20 kHz
  - Rated power : 150 W AES, 600 W peak
  - Weight : 10.7 kg/23.5 lbs
  - Dimensions(W×H×D) : 270×450×258 mm/10.6×17.7×10.1 in

- SQ-10K**
- Compact multipurpose, 10" 2 way passive full range
  - Frequency range(-10 dB) : 64 Hz~20 kHz
  - Rated power : 250 W AES, 1000 W peak
  - Weight : 12.4 kg/27.3 lbs
  - Dimensions(W×H×D) : 312×490×294 mm/12.2×19.2×11.5 in

## SQ-12K/15K Professional Loudspeaker

2 way



SQ-12K

SQ-15K

- SQ-12K**
- Compact multipurpose, 12" 2 way passive full range
  - Frequency range(-10 dB) : 60 Hz~20 kHz
  - Rated power : 350 W AES, 1400 W peak
  - Weight : 18.7 kg/41.2 lbs
  - Dimensions(W×H×D) : 363×573×348 mm/14.2×22.5×13.7 in

- SQ-15K**
- Compact multipurpose, 15" 2 way passive full range
  - Frequency range(-10 dB) : 54 Hz~20 kHz
  - Rated power : 450 W AES, 1800 W peak
  - Weight : 26.2 kg/57.7 lbs
  - Dimensions(W×H×D) : 435×633×421 mm/17.1×24.9×16.5 in

## SQ-8T/10T Professional Loudspeaker

2 way



SQ-8T

SQ-10T

\*Preliminary

- SQ-8T**
- Rated power : 150 W
  - SPL(1W/m) : 95 dB
  - Frequency range(-10 dB) : 68 Hz~20 kHz
  - Transformer tabs : 8 Ω/67 Ω
  - Weight : 11.8 kg/26 lbs
  - Dimensions(W×H×D) : 270×450×258 mm/10.6×17.7×10.2 in

- SQ-10T**
- Rated power : 250 W
  - SPL(1W/m) : 97 dB
  - Frequency range(-10 dB) : 64 Hz~20 kHz
  - Transformer tabs 8 Ω/40 Ω
  - Weight : 13.8 kg/30.4 lbs
  - Dimensions(W×H×D) : 312×490×294 mm/12.3×19.3×11.6 in

# PROFESSIONAL AUDIO :: SPEAKER

## CMM-12K/15K Stage Monitor Speaker

2 way



### CMM-12K

- Power handling : 350 W AES, 1400 W peak
- Multi-purpose, 12" 2 way passive loudspeaker
- Frequency range(-10 dB) : 50 Hz~20 kHz
- Nominal impedance : 8 Ω
- Weight : 20.7 kg/45.6 lbs
- Dimensions(W×H×D) : 508×408×393 mm/20×16×15.5 in

### CMM-15K

- Power handling : 450 W AES, 1800 W peak
- Multi-purpose, 15" 2 way passive loudspeaker
- Frequency range(-10 dB) : 45 Hz ~ 20 kHz
- Nominal impedance : 8 Ω
- Weight : 26.1 kg / 57.5 lbs
- Dimensions(W×H×D) : 590×480×489 mm/23.2×18.9×19.2 in



## CSQ-8K Professional Loudspeaker

2 way



- 8" 2 way passive full range
- Power handling : 225 W AES / 900 W Peak
- Frequency range(-10 dB) : 50 Hz~20 kHz
- LF.203.2 mm(8")Woofer
- HF.25 mm(1")Tweeter
- Nominal impedance : 8 Ω
- Weight : 11.5 kg/25.3 lbs
- Dimensions(W×H×D) : 268×450×258 mm/10.6×17.7×10.2 in

## CSQ-10K Professional Loudspeaker

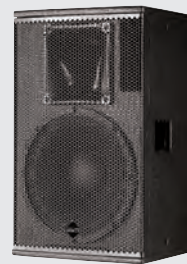
2 way



- 10" 2 way passive full range
- Power handling : 280 W AES / 1120 W peak
- Frequency range(-10 dB) : 48 Hz~20kHz
- LF.254 mm(10")Woofer
- HF.25 mm(1")Tweeter
- Nominal impedance : 8 Ω
- Weight : 13.3 kg/29.3 lbs
- Dimensions(W×H×D) : 308×490×289 mm/12.1×19.3×11.4 in

## CSQ-12K Professional Loudspeaker

2 way



- 12" 2 way passive full range
- Power Handling : 400 W AES / 1600 W peak
- Frequency Range(-10 dB) : 46 Hz~20 kHz
- LF.304.8 mm(12")Woofer
- HF.25 mm(1")Tweeter
- Nominal Impedance : 8 Ω
- Weight : 22.4 kg/49.4 lbs
- Dimensions(W×H×D) : 358×573×338 mm/14.1×22.6×13.3 in

## CSQ-15K Professional Loudspeaker

2 way



- 15" 2 way passive full range
- Power handling : 480 W AES / 1920 W peak
- Frequency range(-10 dB) : 45 Hz~20 kHz
- LF.381 mm(15")Woofer
- HF.25 mm(1")Tweeter
- Nominal impedance : 8 Ω
- Weight : 27.1 kg/59.7 lbs
- Dimensions(W×H×D) : 428×644×403 mm/16.9×25.4×15.9 in

## CSB-12K Professional Loudspeaker



- 12" subwoofer
- Power handling : 500 W AES / 2000 W peak
- Frequency range(-10 dB) : 45 Hz~120 Hz
- 305mm(12") driver with 63.5 mm(2.5") voice coil
- Nominal impedance : 8 Ω
- Weight : 22.5 kg/49.6 lbs
- Dimensions(W×H×D) : 366×410×676 mm/14.4×16.1×26.6 in

## CSB-15K Professional Loudspeaker



- 15" subwoofer
- Power handling : 600 W AES / 2400 W peak
- Frequency range(-10 dB) : 39 Hz~120 Hz
- 381 mm(15") driver with 76.2 mm(3") voice coil
- Nominal impedance : 8 Ω
- Weight : 32.7 kg/72.1 lbs
- Dimensions(W×H×D) : 465×505×740 mm/18.3×19.9×29 in

## CSB-18K Professional Loudspeaker



- 18" subwoofer
- Power Handling : 800 W AES/3200 W peak
- Frequency Range(-10 dB) : 35 Hz~120 Hz
- 457.2 mm(18") driver with 101.6 mm(4") voice coil
- Nominal Impedance : 8 Ω
- Weight : 44.3 kg/97.7 lbs
- Dimensions(W×H×D) : 558×606×883 mm/22×23.9×34.8 in

# PROFESSIONAL AUDIO :: SPEAKER

## CLA-5K/15SK Professional Line Array Speaker System

2 way



### CLA-5K

- Compact line array, 2x5" 2 way biamp full range
- Frequency range(-10 dB) : 72 Hz~20 kHz
- Power handling : LF : 160 W/HF : 30 W
- Nominal impedance : LF : 16 Ω, HF : 8 Ω
- Weight : 13.2 kg/29.1 lbs
- Dimensions(W×H×D) : 477×170×364 mm/18.8×6.7×14.3in

### CLA-15SK

- 15" subwoofer
- Frequency range(-10 dB) : 39 Hz~120 Hz
- Power handling : 600 W/8 Ω
- Weight : 36.3 kg/80 lbs
- Dimensions(W×H×D) : 473×505×742 mm/18.6×19.9×29.2 in

## CLA-8K/18SK Professional Line Array Speaker System

2 way



### CLA-8K

- Compact line array, 2x8" 2 way biamp full range
- Frequency range(-10 dB) : 72 Hz~20 kHz
- Power handling : LF : 450 W/HF : 60 W
- Nominal impedance : LF, HF : 16 Ω
- Weight : 26.7 kg/58.9 lbs
- Dimensions(W×H×D) : 694×256×486 mm/27.3×10×19.1 in

### CLA-18SK

- 18" subwoofer
- Frequency range(-10 dB) : 39 Hz~120 Hz
- Power handling : 600 W/8 Ω
- Weight : 36.3 kg/80 lbs
- Dimensions(W×H×D) : 473×505×742 mm/18.6×19.9×29.2 in

## NLA-5/15S Professional Line Array Speaker System

2 way



### NLA-5

- Compact line array module, 2x5" 2 way full range
- Frequency range(-10 dB) : 74 Hz~18 kHz
- Power handling : LF : 150 W AES/16 Ω
- Weight : 11.4 kg/25.2 lbs
- Dimensions(W×H×D) : 477×181×308 mm/18.8×7.1×12.1 in

### NLA-15S

- Compact flying-sub module, 15" subwoofer
- Frequency range(-10 dB) : 42 Hz~2.7 kHz
- Power handling : 600 W/8 Ω
- Weight : 32 kg/70.5 lbs
- Dimensions(W×H×D) : 477×518×741 mm/18.8×20.3×29.1 in

## NLA-8/18S Professional Line Array Speaker System

2 way



### NLA-8

- Compact line array module, 2x8" 2 way full range
- Frequency range(-10 dB) : 75 Hz~18 kHz
- Power handling : LF : 440 W, HF : 60 W AES/16 Ω
- Weight : 24.4 kg/53.8 lbs
- Dimensions(W×H×D) : 694×256×486 mm/27.3×10×19.1 in

### NLA-18S

- Compact flying-sub module, 18" subwoofer
- Frequency range(-10 dB) : 37 Hz~3 kHz
- Power handling : 780 W(AES)/8 Ω
- Weight : 46.7 kg/103 lbs
- Dimensions(W×H×D) : 690×520×683 mm/27.2×20.5×26.9 in



# **TRANSMISSION**

# TRANSMISSION SYSTEM

## DAC-288 Dante™ Audio Controller



- 8 audio inputs(2×Line/MIC level, 6×Line level)
- 8 audio outputs(8×Line level)
- 2 phantom switches and 2 volume controls
- Data tunneling
- 8 contact inputs/outputs dry contact
- Transfer data(422/232)
- Weight : 6 kg/13.2 lbs
- Dimensions(W×H×D) : 482×88×280 mm/19×3.5×11 in

## DASR-288 Dante™ Audio Controller



- 8 audio inputs(8×Line level)
- 8 audio outputs(8×Line level)
- Data tunneling
- 8 contact inputs/outputs dry contact
- Transfer data(422/232)
- Weight : 4 kg/8.8 lbs
- Dimensions(W×H×D) : 482×88×280 mm/19×3.5×11 in

## DAC-122 Dante™ Audio Controller



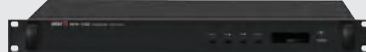
- 2 audio inputs(2×Line level)
- 2 audio outputs(2×Line level)
- 24-bit, 48 kHz high quality audio
- Weight : 2.9 kg/6.4 lbs
- Dimensions(W×H×D) : 482×44×280 mm/19×1.7×11 in

## AOE-212N Audio Over Ethernet



- 2 input/2 output channels
- Data tunneling
- 8 contact inputs/outputs dry contact
- 1:1 (Bi-directional)
- 1:20 Unicast(WAN/LAN)
- 1:200 Multicast(LAN)
- Weight : 3.27 kg/7.2 lbs
- Dimensions(W×H×D) : 482×44×280 mm/19×1.7×11 in

## RFA-102 Receiver for AOE



- Audio transmission equipment of AOE-212N with exclusive
- Unlimited transmission using LAN/Dedicated WAN network
- System monitoring by the Web
- 1U rack size
- Weight : 3.3 kg/7.2 lbs
- Dimensions(W×H×D) : 482×44×280 mm/19×1.7×11 in

## FTA-108S Optical Signal Transmitter



- 8 channel fiber optic transmitter
- 24 bit, 48 kHz high quality audio
- PAD switch for controlling the input level
- THD : Less than 0.01 %
- S/N ratio : More than 90 dB
- Weight : 4.2 kg/9.3 lbs
- Dimensions(W×H×D) : 482×44×280 mm/19×1.7×11 in

## FRA-108S Optical Signal Receiver



- 8 channel fiber optic receiver
- 24 bit, 48 kHz high quality audio
- THD : Less than 0.01 %
- S/N ratio : More than 90 dB
- Weight : 4.2 kg/9.3 lbs
- Dimensions(W×H×D) : 482×44×280 mm/19×1.7×11 in

## CT/CR-600RM Data Transmitter/Receiver Module



- Long distance transmit of RM-6024(remote microphone)audio and communication signal
- Easy installation with installation slot in the set
- Applied equipment  
CT-600RM : FTA-108S, ITX-108, ITX-102  
CR-600RM : FRA-108S, IRX-108, IRX-102
- Weight : 250 g/0.6 lbs

## CT/CR-600ECS Data Transmitter/Receiver Module



- Long distance transmit among 6000 Systems
- Easy installation with installation slot in the set
- Applied equipment  
CT-600ECS : FTA-108S, ITX-108, ITX-102  
CR-600ECS : FRA-108S, IRX-108, IRX-102
- Weight : 250 g/ 0.6 lbs

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